

DIGITAL CAMERA AND METHOD OF IMPROVING IMAGE QUALITY IN LIVE VIEW MODE

ABSTRACT

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In accordance with the present invention, a new and improved digital camera has a capture mode of operation where a scene to be captured can be captured and stored in a removable memory device as a digital still image and subsequently retrieved and displayed on a LCD in a review mode of operation. Alternatively, the scene to be captured can be captured repeatedly and buffered to the LCD where the buffering rate is determined in a live view capture mode of operation allowing a user to preview the scene to be captured in various ambient lighting conditions. In one instance, under low ambient lighting conditions a control algorithm automatically adjusts the live view/preview apparent image brightness level of the displayed scene independently of any LCD brightness or contrast adjustments.